

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Sheng Mei SHEN et al. :
Serial No. NEW : **Attn: APPLICATION BRANCH**
Filed February 20, 2004 : Attorney Docket No. 2004-0267

IMAGE PREDICTIVE CODING METHOD
(Rule 1.53(b) Divisional
of Serial No. 10/229,151,
Filed August 28, 2002)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of ☒ the references listed on attached form PTO-1449 and/or ☐ the additional information identified below in paragraph 3. A legible copy of each reference listed on the form PTO-1449 and each U.S. patent application listed below is enclosed, except a copy is not provided for each reference previously cited by or submitted to the Patent Office in prior parent application Serial No. 10/229,151.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

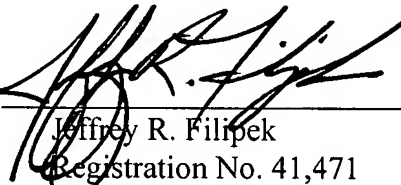
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
 - b. ☐ a foreign patent office search report (in the English language) submitted herewith,
 - c. ☐ the concise explanation contained in the specification of the present application at page ,
 - d. ☐ the concise explanation set forth in the attached English language abstract,
 - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ A foreign patent office search reports citing one or more of the references is enclosed.

Respectfully submitted,

Sheng Mei SHEN et al.

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

By


Jeffrey R. Filipek
Registration No. 41,471
Attorney for Applicants

JRF/kes
Washington, D.C. 20006-1021
Telephone (202) 721-8200
Facsimile (202) 721-8250
February 20, 2004

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: February 20, 2004

ATTY DOCKET NO.
2004-0267SERIAL NO.
NEWAPPLICANT
Sheng Mei SHEN et al.FILING DATE
February 20, 2004

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,005,622	12/1999	Haskell			
	AB	5,974,184	10/1999	Eifrig et al.			
	AC	5,970,172	10/1999	Mochizuki			
	AD	5,485,279	01/1996	Yonemitsu et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AE	0863673	09/1998	EP			
	AF	10-304364	03/1998	JP			
	AG	2-65583	03/1990	JP			Abst.
	AH	60-143088	07/1985	JP			Abst.
	AI	61-201570	09/1986	JP			Abst.
	AJ	5-37786	02/1993	JP			Abst.
	AK	5-336382	12/1993	JP			Abst.
	AL	4-306095	10/1992	JP			Abst.
	AM	8-23536	01/1996	JP			Abst.
	AN	7-231445	08/1995	JP			Abst.

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	"Codebook adaptation algorithm for a scene adaptive video coder"; Hartung; IEEE 95 Vol. 4 pgs. 2591-2594 (1995).
	AP	Video coding for mobile communications MPEG4 perspective; Kittler Mobile Multimedia Comm. December 1996 pgs. 311-319.
	AQ	A 60mW MPEG4 video coder using clustered voltage scaling with variable supply voltage scheme; Takahashi et al.; IEEE Journal of Solid State Circuits pgs. 1772-1780 November 1998 Vol. 33 Issue 11 ISSN: 0018-9200.

EXAMINER

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,833,535	05/1989	Ozeki et al.			
	AB	6,360,016	03/2002	Shen et al.			
	AC	6,292,588	09/2001	Shen et al.			
	AD	6,366,703	04/2002	Boon et al.			
	AE	6,377,708	04/2002	Shen et al.			
	AF	6,148,109	11/2000	Boon			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AG	0 549 813	07/1993	EP			
	AG	10-304364	11/1998	JP			
	AI	4-306095	10/1992	JP			
	AJ	62-065583	3/1987	JP			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AK	Puri, A., et al. "Improvements in DCT Based Video Coding", Proceedings of the SPIE, 02/12/97.
	AL	Wallace, G. K. "The JPEG Still Picture Compression Standard", Communications of the Association for Computing Machinery, vol. 34, no. 4, 04/01/91, pps. 30-44.
	AM	C-T et al., "Efficient Encoding of DC Coefficients in Transform Coding of Images Using JPEG Scheme", Signal Image and Video Processing, Singapore, June 11-14, 1991, pages 404-407, XP000384794.
	AN	Netravali et al., "Picture Coding: A Review", Proceedings of the IEEE, IEEE, New York, Vol. 68, No. 3, March 1, 1980, pages 366-407, XP002028499.
	AO	Ad Hoc Group on MPEG-4 Video VM Editing: "MPEG-4 Video Verification Model 5.0", November 1996, pages 55-60, XP002240954.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include cop. this form with next communication to applicant.